

**AMENDMENTS TO THE CLAIMS**

1-13. (Cancelled)

14. (Currently Amended) ~~The polypeptide according to claim 13,~~ An isolated polypeptide comprising all or a portion of a human, rat or murine KCNQ5 protein, wherein said isolated polypeptide is a recombinantly produced polypeptide, and wherein said isolated polypeptide is a KCNQ5 potassium channel subunit having the amino acid sequence presented as SEQ ID No. NO: 2.

15-52. (Cancelled)